

Patent Application

of

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for

PLANAR ADHESIVE CLOSURE PIECE

Field of the Invention

The present invention relates to a planar adhesive closure piece for an adhesive fastener in which fastening elements corresponding to each other may be detachably engaged with each other. A base fabric of warp filaments and weft filaments has at least one functional filament extending at least partly through the base fabric and providing the fastening elements.

Background of the Invention

Woven adhesive fastener portions may have the warp, weft, and functional filaments of textile fibers and of plastic or metal fibers, and are readily available on the market in a plurality of embodiments. The functional filaments form loop-like hooking elements in the base fabric of warp and weft filaments, if they are made of multifilament threads. If the functional filaments are of monofilament threads and if the respective closed loops are cut open or separated from each other by thermal means, fastener hooks are obtained which may be engaged with a correspondingly configured fleece loop material of another fastening element. If in the separating process the free loop ends are subjected to heat treatment, for example, if they are melted open, mushroom-shaped fastener heads are obtained as fastening elements as a result of the inherent behavior of the plastic material. The possibility also exists of engaging hook-shaped or mushroom-shaped fastener portions with felt-like adhesive fastening elements so that the two elements may be separated.